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02/08/2011  
U.S. PTO

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. NOVT 200

First Inventor Carsten Sjoeholm

Title USE OF ACID-STABLE PROTEASES IN ANIMAL FEED

Express Mail Label No. EL 709 418 907 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 54]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets 2 ]
5. Oath or Declaration [ Total Pages 2 ]
  - a.  Unexecuted
  - b.  Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 17 completed)

i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b)
6.  Application Data Sheet. See 37 CFR 1.76

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation    Divisional    Continuation-in-part (CIP)   of prior application No. \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

Group / Art Unit \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label  or  Correspondence address below

Name	Patrea L. Pabst 23579 Arnall Golden & Gregory, LLP PATENT TRADEMARK OFFICE		
Address	2800 One Atlantic Center 1201 West Peachtree Street		
City	Atlanta	State	GA
Country	United States	Telephone	(404) 873-8794
		Zip Code	30309-3450
		Fax	(404)873-8795

Name (Print/Type)	Patrea L. Pabst	Registration No. (Attorney/Agent)	31,284
Signature	Date		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

NOVT 200 11321/1

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$950.00)

## Complete if Known

Application Number	
Filing Date	February 8, 2001
First Named Inventor	Carsten Sjoeholm
Examiner Name	
Group Art Unit	
Attorney Docket No.	NOVT 200

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **01-2507**  
Deposit Account Name **Arnall Golden & Gregory, LLP**

Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17

Applicant claims small entity status  
See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit card  Money Order  Other

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205 65 Surcharge - late filing fee or oath	
127	50	227 25 Surcharge - late provisional filing fee or cover sheet	
139	130	139 130 Non-English specification	
147	2,520	147 2,520 For filing a request for <i>ex parte</i> reexamination	
112	920*	112 920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	
115	110	215 55 Extension for reply within first month	
116	390	216 195 Extension for reply within second month	
117	890	217 445 Extension for reply within third month	
118	1,390	218 695 Extension for reply within fourth month	
128	1,890	228 945 Extension for reply within fifth month	
119	310	219 155 Notice of Appeal	
120	310	220 155 Filing a brief in support of an appeal	
121	270	221 135 Request for oral hearing	
138	1,510	138 1,510 Petition to institute a public use proceeding	
140	110	240 55 Petition to revive - unavoidable	
141	1,240	241 620 Petition to revive - unintentional	
142	1,240	242 620 Utility issue fee (or reissue)	
143	440	243 220 Design issue fee	
144	600	244 300 Plant issue fee	
122	130	122 130 Petitions to the Commissioner	
123	50	123 50 Petitions related to provisional applications	
126	240	126 240 Submission of Information Disclosure Stmt	
581	40	581 40 Recording each patent assignment per property (times number of properties)	
146	710	246 355 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249 355 For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279 355 Request for Continued Examination (RCE)	
169	900	169 900 Request for expedited examination of a design application	
Other fee (specify) _____			

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	<b>Patrea L. Pabst</b>	Registration No (Attorney/Agent)	31,284	Telephone	(404) 873-8794
Signature					Date <b>2/8/2001</b>

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Carsten Sjoeholm and Peter Rahbek Oestergaard

Serial No.: Express Mail Label No.: EL 709 418 907 US

Filed: February 8, 2001 Date of Deposit February 8, 2001

For: USE OF ACID-STABLE PROTEASES IN ANIMAL FEED

BOX PATENT APPLICATION

Assistant Commissioner for Patents  
Washington, D.C. 20231

**EXPRESS MAIL TRANSMITTAL LETTER  
FOR PATENT APPLICATION AND CERTIFICATE OF MAILING**

Sir:

Pursuant to 35 U.S.C. § 21(a) as amended by Public Law 97-247 and 37 C.F.R. § 1.10, applicants enclose for filing the attached patent application entitled "*Use of Acid-Stable Proteases in Animal Feed*", which claims priority to U.S.S.N. 60/183,133 filed February 17, 2000, and which claims priority to foreign application No. 2000 00200 filed in Denmark on February 8, 2000. The application includes 1 page of Abstract, 42 pages of specification, 2 pages of claims, 2 sheets of informal drawings, a 3-1/2 inch sequence listing diskette, a paper copy of the sequence listing, one executed International Form for Identification of Microorganism NNO18140 (2 pages); an unexecuted Declaration for Patent Application, and an unexecuted Power of Attorney or Authorization of Agent. An executed Declaration for Patent Application,

Title: "Use of Acid-Stable Proteases in Animal Feed"

Filed: February 8, 2001

Express Mail Transmittal Letter for

Patent Application and Certificate of Mailing

Express Mail Label No. EL 709 418 907 US

Date of Deposit: February 8, 2001

Power of Attorney or Authorization of Agent, and Assignment to F. Hoffmann-La Roche AG

will be submitted shortly.

A Preliminary Amendment is enclosed.

This application contains nucleic acid and/or protein sequences as defined in 37 C.F.R. §§ 1.821-1.825. Pursuant to 37 C.F.R. §§ 1.821-1.825, applicants enclose a 3½" diskette containing a computer-readable form of the Sequence Listing for the above-identified application. A paper copy of the Sequence Listing is incorporated into the application.

I declare that the material on the diskette is identical to the paper copy of the Sequence Listing present in the above-identified application, and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements may jeopardize the validity of the application or any patent issuing thereon.

A check in the amount of \$950.00 to cover the filing fee is enclosed. It is believed that \$950.00 is the proper filing fee for a large entity, as the application includes 6 independent claims and a total of 13 claims after entry of the enclosed Preliminary Amendment.

The Commissioner is hereby authorized to charge any additional fees that may be required, or credit any overpayment to Deposit Order Account No. 01-2507. To facilitate this process, applicants have enclosed a duplicate of this letter.

Title: "Use of Acid-Stable Proteases in Animal Feed"  
Filed: February 8, 2001  
Express Mail Transmittal Letter for  
Patent Application and Certificate of Mailing  
Express Mail Label No. EL 709 418 907 US  
Date of Deposit: February 8, 2001

This application is being filed on February 8, 2001 by mailing the application to the Assistant Commissioner for Patents, Washington, D.C. 20231 via the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10. The Express Mail label number appears in the heading of this paper which is attached to the application papers pursuant to 37 C.F.R. § 1.10(b).

All correspondence concerning this application should be mailed to:

Patrea L. Pabst, Esq.  
ARNALL GOLDEN & GREGORY, LLP  
2800 One Atlantic Center  
1201 West Peachtree Street  
Atlanta, Georgia 30309-3450

Respectfully submitted,



\_\_\_\_\_  
Patrea L. Pabst  
Reg. No. 31,284

Date: February 8, 2001

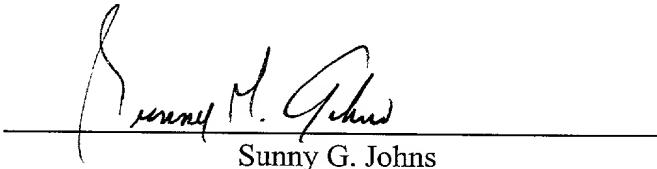
ARNALL GOLDEN & GREGORY, LLP  
2800 One Atlantic Center  
1201 West Peachtree Street  
Atlanta, Georgia 30309-3450  
(404) 873-8794  
(404) 873-8795 Telefax

Title: "Use of Acid-Stable Proteases in Animal Feed"  
Filed: February 8, 2001  
Express Mail Transmittal Letter for  
Patent Application and Certificate of Mailing  
Express Mail Label No. EL 709 418 907 US  
Date of Deposit: February 8, 2001

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10**

I hereby certify that this Express Mail Transmittal Letter for Patent Application and Certificate of Mailing and any documents referred to as attached therein are being deposited with the United States Postal Service on this date, February 8, 2001, in an envelope as "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, mailing label number EL 709 418 907 US, addressed to BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231.

Date: February 8, 2001



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Sunny G. Johns

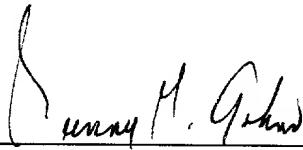
Title: "Use of Acid-Stable Proteases in Animal Feed"  
Filed: February 8, 2001

Preliminary Amendment  
Express Mail Label No. EL 709 418 907 US  
Date of Deposit: February 8, 2001

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10**

I hereby certify that this Preliminary Amendment and any documents referred to as attached therein are being deposited with the United States Postal Service on this date, February 8, 2001, in an envelope as "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, mailing label number EL 709 418 907 US, addressed to BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231.

Date: February 8, 2001



Sunny G. Johns